

A1 in Northumberland: Morpeth to Ellingham

Scheme Number: TR010059

6.6 Landscape Mitigation Plan Part B for Change Request

Rule 8(1)(c)

Planning Act 2008

Infrastructure Planning (Examination Procedure) Rules 2010

March 2021

Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning
(Examination Procedure) Rules
2010**

**The A1 in Northumberland: Morpeth to
Ellingham**

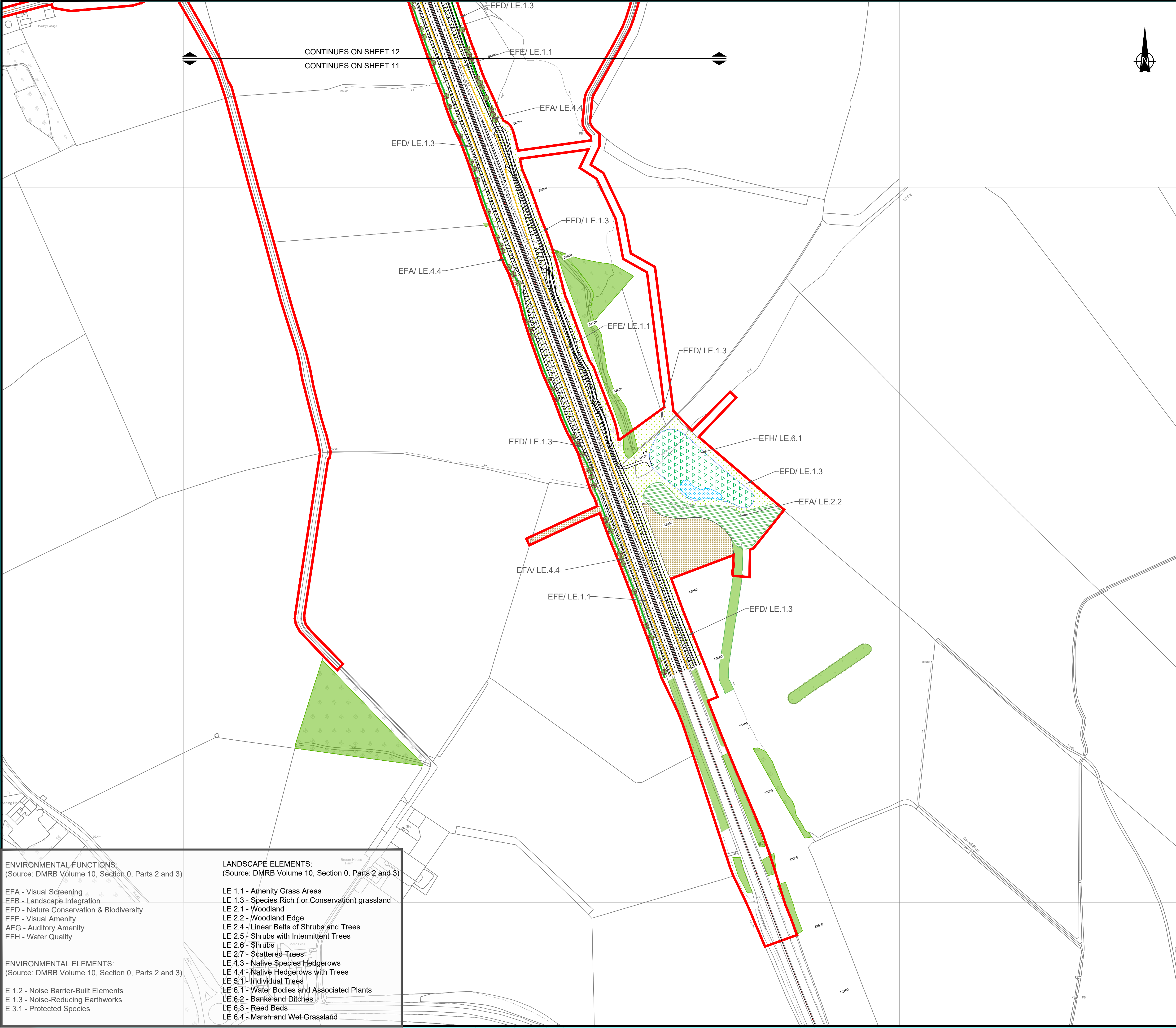
Development Consent Order 20[xx]

Landscape Mitigation Plan Part B for Change Request

Rule Reference:	8(1)(c)
Planning Inspectorate Scheme Reference:	TR010059
Doc Reference:	6.6
Author:	A1 in Northumberland: Morpeth to Ellingham Project Team, Highways England

Version	Date	Status of Version
Rev 1	March 2021	Deadline 4

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ENVIRONMENTAL FUNCTIONS: (Source: DMRB Volume 10, Section 0, Parts 2 and 3)	LANDSCAPE ELEMENTS: (Source: DMRB Volume 10, Section 0, Parts 2 and 3)
EFA - Visual Screening	LE 1.1 - Amenity Grass Areas
EFB - Landscape Integration	LE 1.3 - Species Rich (or Conservation) grassland
EFD - Nature Conservation & Biodiversity	LE 2.1 - Woodland
EFE - Visual Amenity	LE 2.2 - Woodland Edge
AFG - Auditory Amenity	LE 2.4 - Linear Belts of Shrubs and Trees
EFH - Water Quality	LE 2.5 - Shrubs with Intermittent Trees
	LE 2.6 - Shrubs
	LE 2.7 - Scattered Trees
ENVIRONMENTAL ELEMENTS: (Source: DMRB Volume 10, Section 0, Parts 2 and 3)	LE 4.3 - Native Species Hedgerows
E 1.2 - Noise Barrier-Built Elements	LE 4.4 - Native Hedgerows with Trees
E 1.3 - Noise-Reducing Earthworks	LE 5.1 - Individual Trees
E 3.1 - Protected Species	LE 6.1 - Water Bodies and Associated Plants
	LE 6.2 - Banks and Ditches
	LE 6.3 - Reed Beds
	LE 6.4 - Marsh and Wet Grassland

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Red Line Boundary

Existing Vegetation

Existing Habitats

Existing Hedgerow to be Retained

Proposed Vegetation

LE 1.1 Amenity Grass Areas

LE 1.3 Species Rich (or Conservation) Grassland

LE 2.1 and 2.2 Woodland Planting
(Understorey to be seeded)

LE 2.4 Linear Belts of Shrubs and Trees

LE 2.6 Shrubs

LE 2.7 Scattered Trees

LE 4.4 Native Hedgerows with Trees

LE 6.1 Swale/ Marginal Planting/ Wetland (for Attenuation Pond)

Areas assumed to be return to agriculture

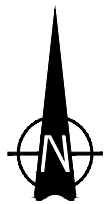
Ecological Mitigation: Indicative Bat Box Locations

Proposed amended earthwork contours

Scale 1:2500

50m0m50m100m150m

P09	11/02/21	Earthworks amendments	NB	AW	KS	DM			
P08	JUNE 2020	EIGHT DRAFT	CM	VW	KS	DM			
P07	19/02/2020	SEVENTH DRAFT	LA	SL	AF	AF			
P06	10/02/2020	SIXTH DRAFT	LA	SL	AF	AF			
P05	04/02/2020	FIFTH DRAFT	LA	SL	AF	AF			
P04	29/01/2020	FORTH DRAFT	LA	SL	AF	AF			
P03	03/12/2019	THIRD DRAFT	LA	SL	AF	AF			
P02	21/11/2019	SECOND DRAFT	LA	SL	AF	AF			
P01	28/10/2019	FIRST DRAFT	LA	SL	AF	AF			
Rev.	Date	Description	By	Eng' Chk	Disc' Chk	App'd			
Suitability			Status						
DCO SUBMISSION			S2						
PINS Reference Number			TR010041/APP/6.6						
Client									
Project Title			A1 in Northumberland Morpeth to Ellingham						
Drawing Title			LANDSCAPE MITIGATION PLAN SHEET 1 OF 7						
Scale	1:2500	Drawn	LA	Eng. Check	SL	Approved	AF	Authorised	AF
Original Size	A1	Date	19/02/2020	Date	19/02/2020	Date	19/02/2020	Date	19/02/2020
Drawing Number			HE551459-WSP-ELS-A2E-DR-LE-1816			Revision			P09
						PW Stage Code			0



Existing Vegetation

Existing Habitats

 Existing Hedgerow to be Retained

Proposed Vegetation

LE 1.1 Amenity Grass Areas



LE 1.3 Species Rich (or Conservation) Grassland

LE 2.1 and 2.2 Woodland Planting
(Understorey to be seeded)

 LE 2.4 Linear Belts of Shrubs and Trees

LE 2.6 Shrubs

 LE 2.7 Scattered Trees

LE 4.4 Native Hedgerows with Trees



LE 6.1 Swale/ Marginal Planting/
Wetland (for Attenuation Pond)

Areas assumed to be return to agriculture

 Ecological Mitigation: Indicative Bat Box Locations



Proposed amended earthwork contours



Suitability	Status
DCO SUBMISSION	S2

Client

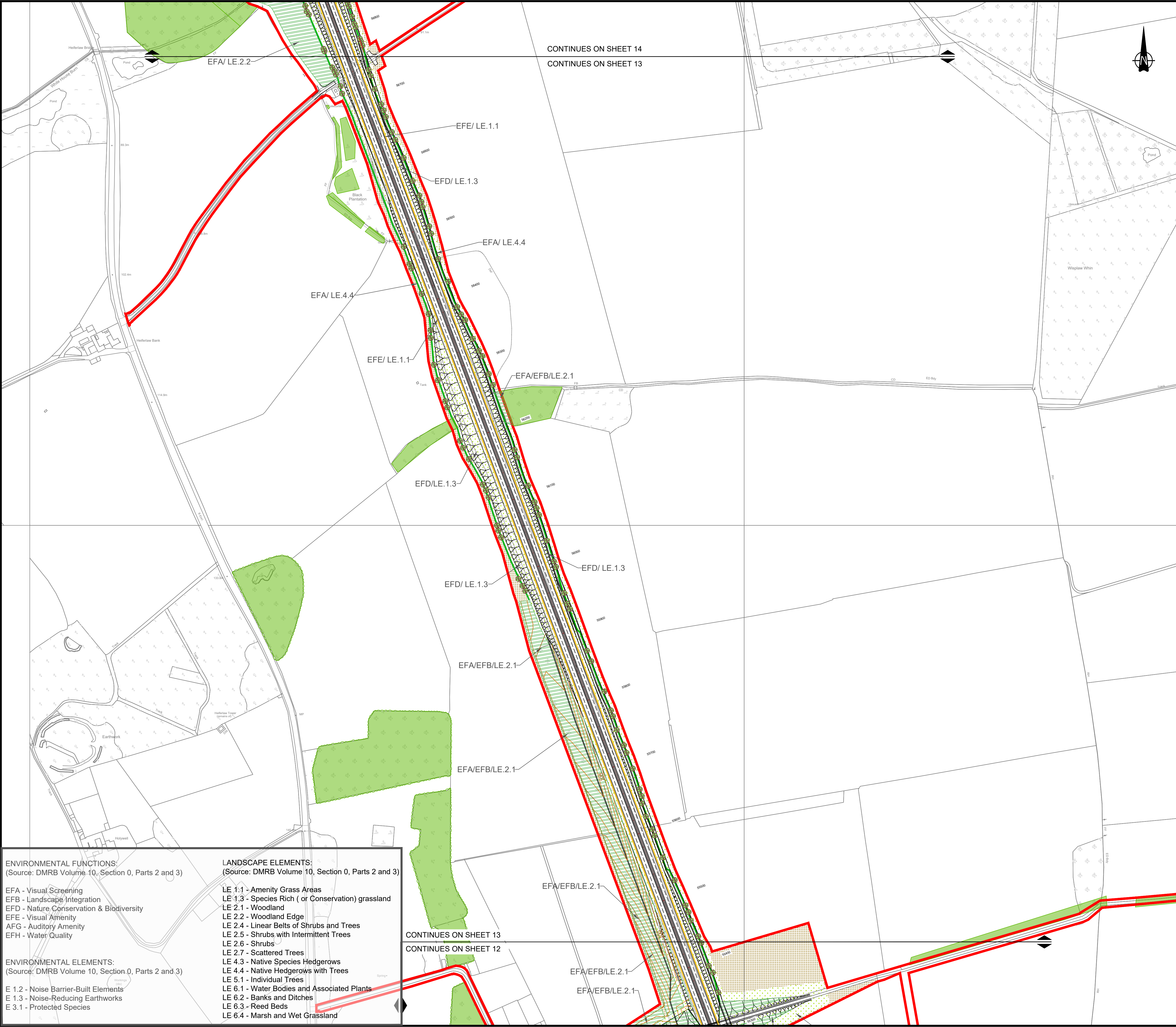
The logo for Highways England, featuring a stylized blue graphic of a road or bridge structure to the left of the text "highways england" in a dark blue, sans-serif font.

Drawing Title	LANDSCAPE MITIGATION PLAN SHEET 2 OF 7
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Drawing Number	Revision
HE551459-WSP-ELS-A2E-DR-LE-1816	P09
	PW Stage Code
	0

- LE 1.1 - Amenity Grass Areas
- LE 1.3 - Species Rich (or Conservation) grassland
- LE 2.1 - Woodland
- LE 2.2 - Woodland Edge
- LE 2.4 - Linear Belts of Shrubs and Trees
- LE 2.5 - Shrubs with Intermittent Trees
- LE 2.6 - Shrubs
- LE 2.7 - Scattered Trees
- LE 4.3 - Native Species Hedgerows
- LE 4.4 - Native Hedgerows with Trees
- LE 5.1 - Individual Trees
- LE 6.1 - Water Bodies and Associated Plants
- LE 6.2 - Banks and Ditches
- LE 6.3 - Reed Beds
- LE 6.4 - Marsh and Wet Grassland

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Red Line Boundary

Existing Vegetation

Existing Habitats

Existing Hedgerow to be Retained

Proposed Vegetation

LE 1.1 Amenity Grass Areas

LE 1.3 Species Rich (or Conservation) Grassland

LE 2.1 and 2.2 Woodland Planting (Understorey to be seeded)

LE 2.4 Linear Belts of Shrubs and Trees

LE 2.6 Shrubs

LE 2.7 Scattered Trees

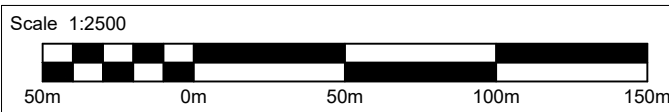
LE 4.4 Native Hedgerows with Trees

LE 6.1 Swale/ Marginal Planting/ Wetland (for Attenuation Pond)

Areas assumed to be return to agriculture

Ecological Mitigation: Indicative Bat Box Locations

Proposed amended earthwork contours



P09	11/3/21	Earthworks amendments	NB	AW	KS	DM	
P08	JUNE 2020	EIGHT DRAFT	CM	VW	KS	DM	
P07	19/02/2020	SEVENTH DRAFT	LA	SL	AF	AF	
P06	10/02/2020	SIXTH DRAFT	LA	SL	AF	AF	
P05	04/02/2020	FIFTH DRAFT	LA	SL	AF	AF	
P04	29/01/2020	FORTH DRAFT	LA	SL	AF	AF	
P03	03/12/2019	THIRD DRAFT	LA	SL	AF	AF	
P02	21/11/2019	SECOND DRAFT	LA	SL	AF	AF	
P01	28/10/2019	FIRST DRAFT	LA	SL	AF	AF	
Rev.	Date	Description	By	Eng' Chk	Disc' Chk	App'd	

Sustainability	DCO SUBMISSION	Status	S2
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PINS Reference Number	TR010041/APP/6.6
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Client	
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Project Title	A1 in Northumberland Morpeth to Ellingham
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Drawing Title	LANDSCAPE MITIGATION PLAN SHEET 3 OF 7
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Scale	1:2500	Drawn	LA	Eng. Check	SL	Approved	AF	Authorised	AF
Original Size	A1	Date	19/02/2020	Date	19/02/2020	Date	19/02/2020	Date	19/02/2020

Drawing Number	HE551459-WSP-ELS-A2E-DR-LE-1816	Revision	P09
		PW Stage Code	0

Existing Habitats

 Existing Hedgerow to be Retained

Proposed Vegetation

LE 1.1 Amenity Grass Areas

LE 1.3 Species Rich (or Conservation) Grassland

LE 2.1 and 2.2 Woodland Planting
(Understorey to be seeded)



LE 2.4 Linear Belts of Shrubs and Trees

IF 26 Shrubs

 LE 4.4 Native Hedgerows with Trees

LE 6.1 Swale/ Marginal Planting/
Wetland (for Attenuation Pond)

Areas assumed to be return to agriculture

 Ecological Mitigation: Indicative Bat Box Locations



Proposed amended earthwork contours

Scale 1:2500



P09	11/3/21	Earthworks amendments	NB	AW	KS	DM
P08	JUNE 2020	EIGHT DRAFT	CM	VW	KS	DM
P07	19/02/2020	SEVENTH DRAFT	LA	SL	AF	AF
P06	10/02/2020	SIXTH DRAFT	LA	SL	AF	AF
P05	04/02/2020	FIFTH DRAFT	LA	SL	AF	AF
P04	29/01/2020	FORTH DRAFT	LA	SL	AF	AF
P03	03/12/2019	THIRD DRAFT	LA	SL	AF	AF
P02	21/11/2019	SECOND DRAFT	LA	SL	AF	AF
P01	28/10/2019	FIRST DRAFT	LA	SL	AF	AF
Rev.	Date	Description	By	Eng' Chk	Disc' Chk	App'd

Availability	Status
DCO SUBMISSION	S2

INS Reference Number

TR010041/APP/6.6



Project Title	A1 in Northumberland Morpeth to Ellingham
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Drawing Title

LANDSCAPE MITIGATION PLAN

SHEET 4 OF 7

Scale 1:2500	Drawn LA	Eng. Check SL	Approved AF	Authorised AF
Original Size A1	Date 19/02/2020	Date 19/02/2020	Date 19/02/2020	Date 19/02/2020

Drawing Number HE551459-WSP-ELS-A2E-DR-LE-1816	Revision P09
	PW Stage Code 0

Assumed 1m - 2m wide hedgerow and tree planting
Grassed area for 66kv cable.
(Alignment to be designed by others)

Existing
hedgerow/ tree
planting to be
retained in
accordance with
arboricultural
recommendations

ENVIRONMENTAL FUNCTIONS:
(Source: DMRB Volume 10, Section 0, Parts 2 and 3)

EFA - Visual Screening
 EFB - Landscape Integration
 EFD - Nature Conservation & Biodiversity
 EFE - Visual Amenity
 AFG - Auditory Amenity
 EFH - Water Quality

ENVIRONMENTAL ELEMENTS:
(Source: DMRB Volume 10, Section 0, Parts 2 and 3)

E 1.2 - Noise Barrier-Built Elements
E 1.3 - Noise-Reducing Earthworks
E 3.1 - Protected Species

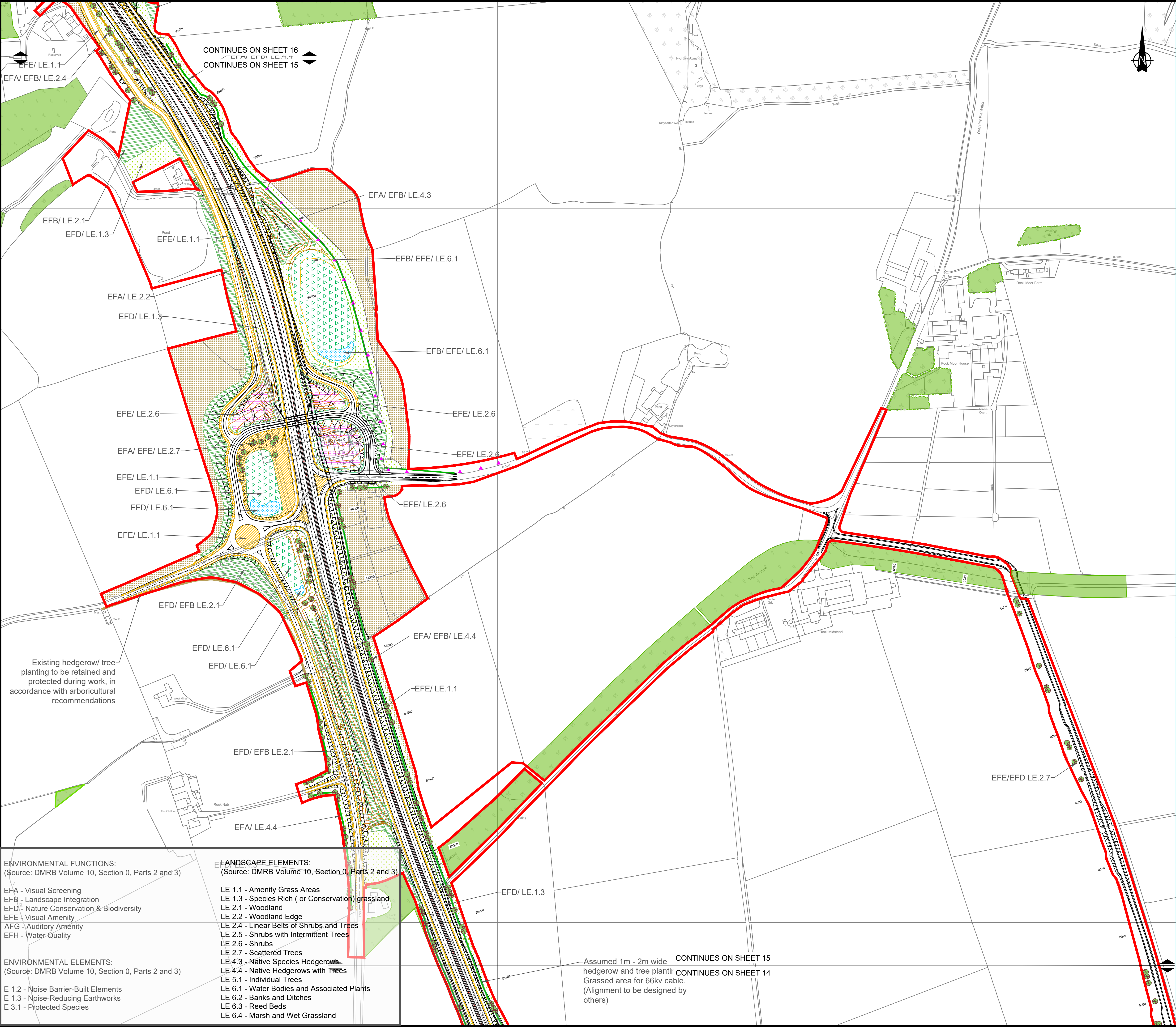
LANDSCAPE ELEMENTS:
(Source: DMRB Volume 10, Section 0, Parts 2 and 3)

- LE 1.1 - Amenity Grass Areas
- LE 1.3 - Species Rich (or Conservation) grassland
- LE 2.1 - Woodland
- LE 2.2 - Woodland Edge
- LE 2.4 - Linear Belts of Shrubs and Trees
- LE 2.5 - Shrubs with Intermittent Trees
- LE 2.6 - Shrubs
- LE 2.7 - Scattered Trees
- LE 4.3 - Native Species Hedgerows
- LE 4.4 - Native Hedgerows with Trees
- LE 5.1 - Individual Trees
- LE 6.1 - Water Bodies and Associated Plants
- LE 6.2 - Banks and Ditches
- LE 6.3 - Reed Beds
- LE 6.4 - Marsh and Wet Grassland

CONTINUES ON SHEET 14

CONTINUES ON SHEET 13

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Red Line Boundary

Existing Vegetation

- Existing Habitats
- Existing Hedgerow to be Retained

Proposed Vegetation

- LE 1.1 Amenity Grass Areas
- LE 1.3 Species Rich (or Conservation) Grassland
- LE 2.1 and 2.2 Woodland Planting (Understorey to be seeded)
- LE 2.4 Linear Belts of Shrubs and Trees
- LE 2.6 Shrubs
- LE 2.7 Scattered Trees
- LE 4.4 Native Hedgerows with Trees
- LE 6.1 Swale/ Marginal Planting/ Wetland (for Attenuation Pond)
- Areas assumed to be return to agriculture
- Ecological Mitigation: Indicative Bat Box Locations
- Proposed amended earthwork contours

Scale 1:2500

P09	11/3/21	Earthworks amendments	NB	AW	KS	DM			
P08	JUNE 2020	EIGHT DRAFT	CM	VW	KS	DM			
P07	19/02/2020	SEVENTH DRAFT	LA	SL	AF	AF			
P06	10/02/2020	SIXTH DRAFT	LA	SL	AF	AF			
P05	04/02/2020	FIFTH DRAFT	LA	SL	AF	AF			
P04	29/01/2020	FORTH DRAFT	LA	SL	AF	AF			
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P02	21/11/2019	SECOND DRAFT	LA	SL	AF	AF			
P01	28/10/2019	FIRST DRAFT	LA	SL	AF	AF			
Rev.	Date	Description	By	Eng' Ch'k	Disc' Ch'k	App'd			
Sustainability						Status			
DCO SUBMISSION						S2			
PINS Reference Number						TR010041/APP/6.6			
Client									
Project Title						A1 in Northumberland Morpeth to Ellingham			
Drawing Title						LANDSCAPE MITIGATION PLAN SHEET 5 OF 7			
Scale	1:2500	Drawn	LA	Eng. Check	SL	Approved	AF	Authorised	AF
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Drawing Number								Revision	P09
HE551459-WSP-ELS-A2E-DR-LE-1816								PW Stage Code	0

- ENVIRONMENTAL FUNCTIONS:
(Source: DMRB Volume 10, Section 0, Parts 2 and 3)

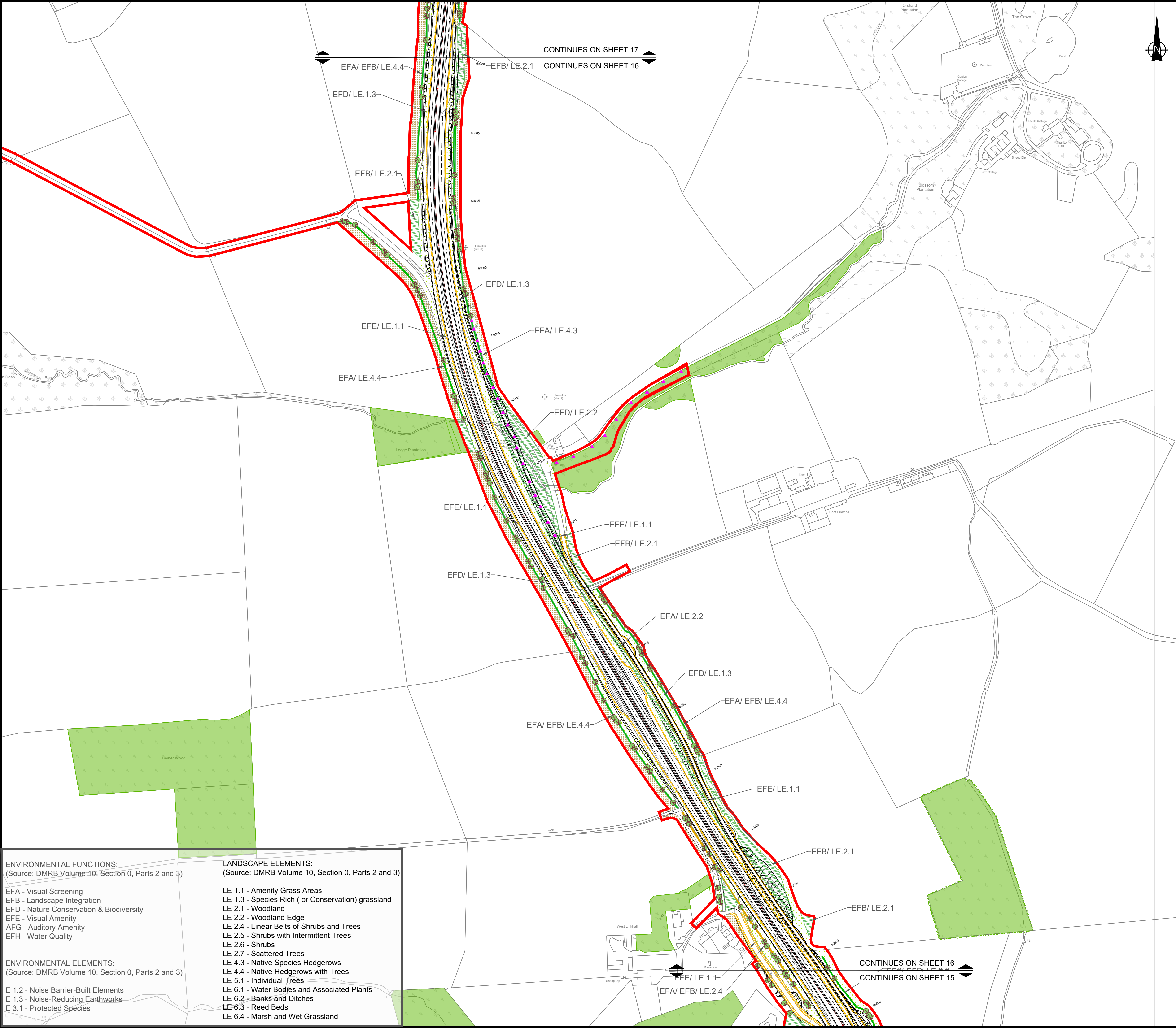
 - EFA - Visual Screening
 - EFB - Landscape Integration
 - EFD - Nature Conservation & Biodiversity
 - EFE - Visual Amenity
 - AFG - Auditory Amenity
 - EFH - Water Quality
- ENVIRONMENTAL ELEMENTS:
(Source: DMRB Volume 10, Section 0, Parts 2 and 3)

 - E 1.2 - Noise Barrier-Built Elements
 - E 1.3 - Noise-Reducing Earthworks
 - E 3.1 - Protected Species
- LANDSCAPE ELEMENTS:
(Source: DMRB Volume 10, Section 0, Parts 2 and 3)

 - LE 1.1 - Amenity Grass Areas
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 - LE 2.7 - Scattered Trees
 - LE 4.3 - Native Species Hedgerows
 - LE 4.4 - Native Hedgerows with Trees
 - LE 5.1 - Individual Trees
 - LE 6.1 - Water Bodies and Associated Plants
 - LE 6.2 - Banks and Ditches
 - LE 6.3 - Reed Beds
 - LE 6.4 - Marsh and Wet Grassland

Assumed 1m - 2m wide
hedgerow and tree planting
Grassed area for 66kv cable.
(Alignment to be designed by
others)

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Red Line Boundary

Existing Vegetation

Existing Habitats

Existing Hedgerow to be Retained

Proposed Vegetation

LE 1.1 Amenity Grass Areas

LE 1.3 Species Rich (or Conservation) Grassland

LE 2.1 and 2.2 Woodland Planting (Understorey to be seeded)

LE 2.4 Linear Belts of Shrubs and Trees

LE 2.6 Shrubs

LE 2.7 Scattered Trees

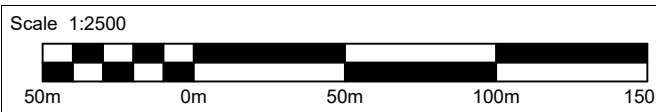
LE 4.4 Native Hedgerows with Trees

LE 6.1 Swale/ Marginal Planting/ Wetland (for Attenuation Pond)

Areas assumed to be return to agriculture

Ecological Mitigation: Indicative Bat Box Locations

Proposed amended earthwork contours



Rev.	Date	Description	By	Eng' Chk	Disc' Chk	App'd
P09	11/3/21	Earthworks amendments	NB	AW	KS	DM
P08	JUNE 2020	EIGHT DRAFT	CM	VW	KS	DM
P07	19/02/2020	SEVENTH DRAFT	LA	SL	AF	AF
P06	10/02/2020	SIXTH DRAFT	LA	SL	AF	AF
P05	04/02/2020	FIFTH DRAFT	LA	SL	AF	AF
P04	29/01/2020	FORTH DRAFT	LA	SL	AF	AF
P03	03/12/2019	THIRD DRAFT	LA	SL	AF	AF
P02	21/11/2019	SECOND DRAFT	LA	SL	AF	AF
P01	28/10/2019	FIRST DRAFT	LA	SL	AF	AF

Sustainability	DCO SUBMISSION	Status	S2
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PINS Reference Number	TR010041/APP/6.6
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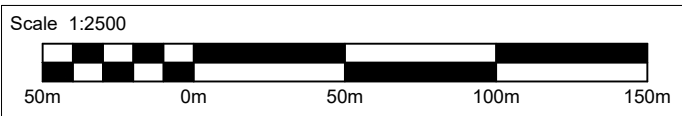
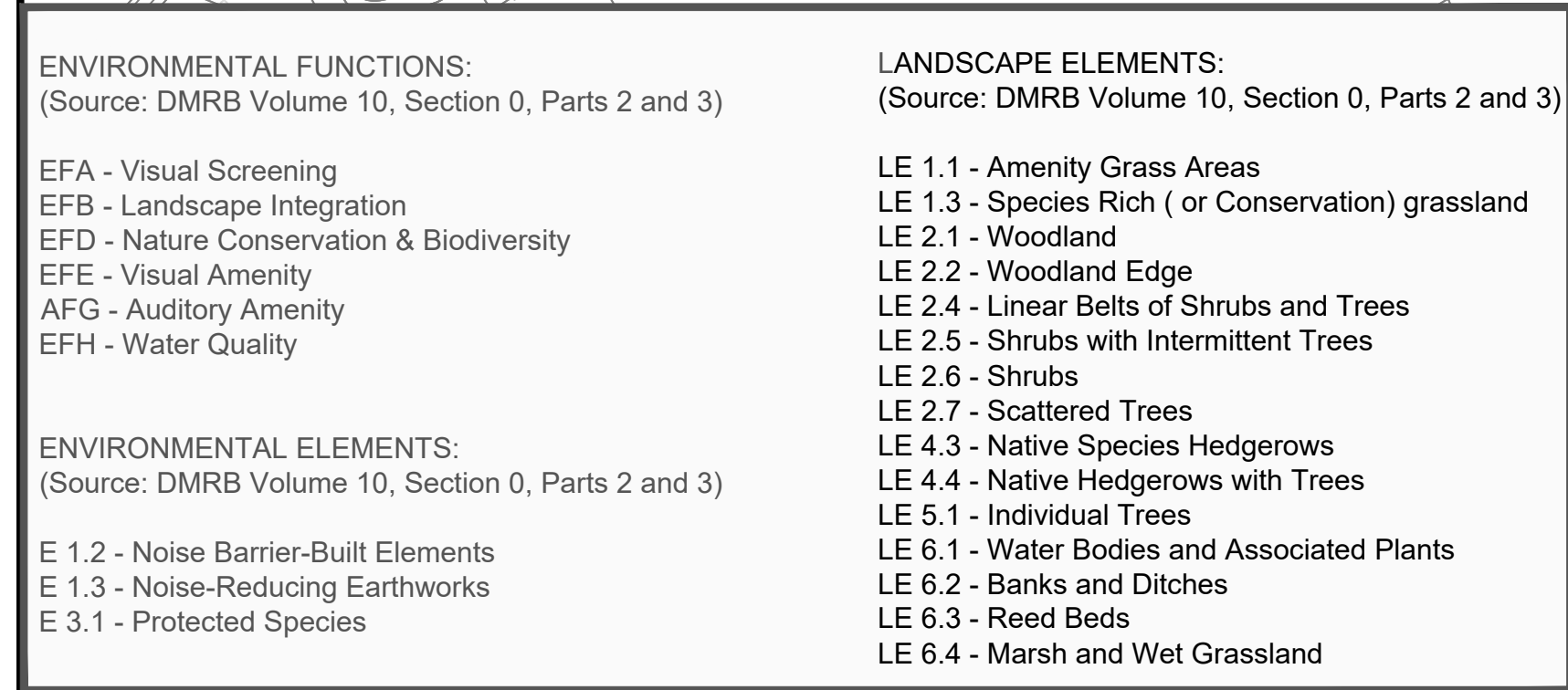
Client	
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Project Title	A1 in Northumberland Morpeth to Ellingham
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Drawing Title	LANDSCAPE MITIGATION PLAN SHEET 6 OF 7
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Scale	1:2500	Drawn	LA	Eng. Check	SL	Approved	AF	Authorised	AF
Original Size	A1	Date	19/02/2020	Date	19/02/2020	Date	19/02/2020	Date	19/02/2020

Drawing Number	HE551459-WSP-ELS-A2E-DR-LE-1816	Revision	P09
PW Stage Code			0



P09	11/3/21	Earthworks amendments	NB	AW	KS DM
P08	JUNE 2020	EIGHT DRAFT	CM	VW	KS DM
P07	19/02/2020	SEVENTH DRAFT	LA	SL	AF AF
P06	10/02/2020	SIXTH DRAFT	LA	SL	AF AF
P05	04/02/2020	FIFTH DRAFT	LA	SL	AF AF
P04	29/01/2020	FORTH DRAFT	LA	SL	AF AF
P03	03/12/2019	THIRD DRAFT	LA	SL	AF AF
P02	21/11/2019	SECOND DRAFT	LA	SL	AF AF
P01	28/10/2019	FIRST DRAFT	LA	SL	AF AF
Rev.	Date	Description	By	Eng' Chk	Disc' Chk App'd

Suitability	Status
DCO SUBMISSION	S2

PINS Reference Number

TR010041/APP/6.6



Project Title	A1 in Northumberland Morpeth to Ellingham
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Drawing Title

LANDSCAPE MITIGATION PLAN

SHEET 7 OF 7

Scale 1:2500	Drawn LA	Eng. Check SL	Approved AF	Authorised AF
Original Size A1	Date 19/02/2020	Date 19/02/2020	Date 19/02/2020	Date 19/02/2020

Drawing Number	Revision
	P09
HE551459-WSP-ELS-A2E-DR-LE-1816	PW Stage Code
	0

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or call **0300 470 4580***.